PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-206339

(43)Date of publication of application : 28.07.1992

1)Int.Cl. H01M 2/12

1)Application number : 02-330246

2)Date of filing : 30.11.1990

(71)Applicant : TOSHIBA BATTERY CO LTD

(72)Inventor : ITO YUKIHIRO

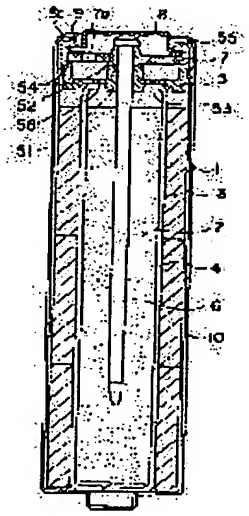
IIZUKA KAZUO

4) ALKALI DRY CELL

7)Abstract:

PURPOSE: To obtain a satisfactory leak resisting property by covering the gas discharge hole part of a negative electrode terminal plate with a thermally melting material softened and melted at a specified temperature.

CONSTITUTION: A negative electrode terminal plate 8 is placed on the stepped part 54 of an insulating gasket 5 provided on the opening part of a metal can 1 through a ring metal support body 7 having an air hole 7a, and the gas discharge hole part 8a of the negative electrode terminal plate 8 is covered with a thermally melting material softened and melted at 70-90°C. A coat layer 9 of paraffin wax having a melting point of 75°C, for example, as the thermally melting material is formed. Thus, the leak passage of the electrolyte climbed up along a collecting bar 6 and moved along the inner surface of the negative electrode terminal plate 8 can be cut by the paraffin wax coat layer 9. Thus, a satisfactory leak resisting characteristic can be obtained.



GAL STATUS

Date of request for examination]

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Patent number]

Date of registration]

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Date of extinction of right]

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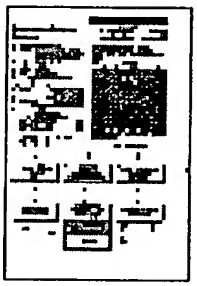
Title: **JP4206339A2: ALKALI DRY CELL**

Country: **JP** Japan
Kind: **A**

Inventor(s): **ITO YUKIHIRO**
IIZUKA KAZUO



Applicant/Assignee: **TOSHIBA BATTERY CO LTD**

Issued/Filed Dates: **July 28, 1992** / Nov. 30, 1990

Application Number: **JP1990000330246**

IPC Class: **H01M 2/12;**

Priority Number(s): Nov. 30, 1990 **JP1990000330246**

Abstract:

Purpose: To obtain a satisfactory leak resisting property by covering the gas discharge hole part of a negative electrode terminal plate with a thermally melting material softened and melted at a specified temperature.
Constitution: A negative electrode terminal plate 8 is placed on the stepped part 54 of an insulating gasket 5 provided on the opening part of a metal can 1 through a ring metal support body 7 having an air hole 7a, and the gas discharge hole part 8a of the negative electrode terminal plate 8 is covered with a thermally melting material softened and melted at 70-90°C. A coat layer 9 of paraffin wax having a melting point of 75°C, for example, as the thermally melting material is formed. Thus, the leak passage of the electrolyte climbed up along a collecting bar 6 and moved along the inner surface of the negative electrode terminal plate 8 can be cut by the paraffin wax coat layer 9. Thus, a satisfactory leak resisting characteristic can be obtained.

Family:

Other Abstract Info: DERABS C92-296804 DERC92-296804

Foreign References: No patents reference this one

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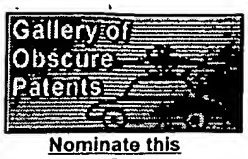

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